

PARITY GRID STENOGRAPHIC METHOD AND APPARATUS

ABSTRACT OF THE DISCLOSURE

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A method and apparatus for generating a parity grid matrix from an indexed data representation are disclosed. The method includes the steps of calculating a parity value for each of specified rows and columns of the indexed representation, determining a parity restoration value for each of the specified rows and columns that exhibit a non-zero parity value, and adding the parity restoration values to one or more selected elements of the specified rows and columns that exhibit a non-zero parity value. A method and apparatus for embedding and retrieving information in/from data representations such as images, by use of a parity grid matrix, are also disclosed.

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